

TABLE I. Electrical.

RATED WATTAGE @ 25°C	RATED WATTAGE @ 125°C	RESISTANCE IN OHMS	RESISTANCE TOL. IN %	TEMP. COEFF. IN PPM/°C
.25	Ø	2 - 2 Meg.	Ø.1 - 1Ø	1Ø - 15Ø

## NOTES:

1. This specification, in conjunction with CS51Ø818 and MIL-R-55342 imposes all the requirements for procurement of these devices.
2. The JPL part number shall be in accordance with CS51Ø818.

Part Number Example .....ST12222 R M C E 2AØØ B

Basic drawing number \_\_\_\_\_

Part Type \_\_\_\_\_

Element Type \_\_\_\_\_

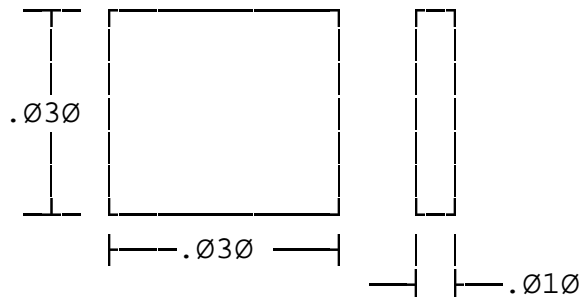
Configuration \_\_\_\_\_

Charac./Calib. \_\_\_\_\_

Resistance (See CS51Ø818) \_\_\_\_\_

Resistance Tolerance \_\_\_\_\_

3. Parts shall meet the requirements of Table I.
4. Dimensions are in inches, unless otherwise specified.
5. As a minimum, the resistors shall be identified with the JPL part number, source code, model number, resistance value, tolerance and date code.
6. This drawing takes precedence over documents referenced herein.
7. The resistive film shall be Tantalum Nitride on Silicon substrates.



NOTE: TERMINATIONS SHALL BE GOLD BOND PADS.

Figure 1. Dimensions.

RELEASED THRU SECTION 356 DATA MANAGEMENT:		DATE:	
REVISION: B APPROVED BY:		DATE: 1Ø-Ø7-92	
APPROVED SOURCE(S)		<small>THE ITEM LISTED IN THE APPROVED SOURCE BLOCK AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER WILL BE EVALUATED AND TESTED BY THE JPL ELECTRONIC PARTS RELIABILITY SECTION OR ITS DELEGATED ALTERNATE BEFORE BEING APPROVED FOR USE. NON-JPL USERS SHALL CHECK WITH THE ELECTRONIC PARTS RELIABILITY SECTION ON THE STATUS OF THE PART'S APPROVAL BEFORE USING.</small>	
VENDOR PART NO	VENDOR		
JET PROPULSION LABORATORY		CALIFORNIA INSTITUTE OF TECHNOLOGY	
Procurement specification: CS51Ø818 Screening specification: ZPP-2Ø73-GEN		TITLE:  RESISTOR, FIXED FILM, CHIP DETAIL SPECIFICATION FOR  <b>ST 12222</b>	
Custodian: Electronic Parts Reliability Section 514		SHEET 1 OF 1	

